

Title (en)

Fusion proteins with parts of immunoglobulins, their production and use

Title (de)

Fusionsproteine mit Immunglobulinanteilen, ihre Herstellung und Verwendung

Title (fr)

Protéines fusionnées avec des portions d'immunoglobulines, leur production et utilisation

Publication

EP 1586635 A1 20051019 (DE)

Application

EP 05011561 A 19910622

Priority

- EP 97120664 A 19910622
- EP 91110307 A 19910622
- DE 4020607 A 19900628

Abstract (en)

A soluble fusion protein (I) comprising a human protein (II), or part of it, that is not of the immunoglobulin (Ig) family and different parts (III) of Ig molecules of any subclass, is new. An independent claim is also included for a method for preparing (I) by introducing a DNA that encodes it into a mammalian cell expression system, expressing (I), and purification by affinity chromatography through the Ig component. ACTIVITY : Hemostatic; Immunosuppressive; Antiallergic; Antianemic; Anticoagulant; Thrombolytic. No details of tests for these activities are given. MECHANISM OF ACTION : Protein substitution or inhibition.

Abstract (de)

Die Erfindung betrifft gentechnisch erzeugte lösliche Fusionsproteine bestehend aus nicht zur Immunglobulinfamilie gehörigen humanen Proteinen oder Teilen davon und verschiedenen Anteilen der konstanten Region von Immunglobulinmolekülen. Die funktionellen Eigenschaften beider Fusionspartner bleiben überraschenderweise im Fusionsprotein erhalten.

IPC 1-7

C12N 9/64

IPC 8 full level

C07K 14/195 (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61P 7/04** (2006.01); **A61P 9/00** (2006.01); **A61P 13/12** (2006.01); **A61P 37/02** (2006.01); **A61P 37/08** (2006.01); **C07K 1/22** (2006.01); **C07K 14/005** (2006.01); **C07K 14/47** (2006.01); **C07K 14/505** (2006.01); **C07K 14/52** (2006.01); **C07K 14/53** (2006.01); **C07K 14/535** (2006.01); **C07K 14/54** (2006.01); **C07K 14/545** (2006.01); **C07K 14/55** (2006.01); **C07K 14/705** (2006.01); **C07K 14/71** (2006.01); **C07K 14/715** (2006.01); **C07K 14/745** (2006.01); **C07K 16/00** (2006.01); **C07K 19/00** (2006.01); **C12N 5/10** (2006.01); **C12N 9/64** (2006.01); **C12N 15/09** (2006.01); **C12N 15/62** (2006.01); **C12P 21/02** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/68** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP KR)

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Citation (search report)

- [X] EP 0269455 A2 19880601 - TAKEDA CHEMICAL INDUSTRIES LTD [JP]
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